

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method of transmitting data, the method comprising:
transmitting a video program and at least one trigger employing a first television channel operating at a first frequency within a range of frequencies assigned to service channels; and
transmitting enhanced television content coupled to said video program employing a second channel operating at a second frequency, wherein the second frequency is outside the range of frequencies assigned to the service channels, and wherein the second channel is a signaling channel.
- 2-3. (Canceled)
4. (Previously Presented) The method of claim 1, wherein said enhanced television content conforms to Advanced Television Enhancement Forum (ATVEF) specifications.
5. (Previously Presented) The method of claim 1, wherein said second channel is of smaller bandwidth than said first television channel.
6. (Previously Presented) The method of claim 1, wherein said transmitting enhanced television content further comprises:
transmitting display channel instructions with the enhanced television content, wherein said display channel instructions indicate at least one service channel with which said enhanced television content may be associated.
7. (Original) The method of claim 6, wherein said display channel instructions conform to extensions to the Advanced Television Enhancement Forum (ATVEF) specification.

8. (Previously Presented) The method of claim 1, wherein said transmitting enhanced television content further comprises: transmitting display time instructions with the enhanced television content, wherein said display time instructions indicate at least one time at which said enhanced television content may be rendered.

9. (Original) The method of claim 8, wherein said display channel instructions conform to extensions to the Advanced Television Enhancement Forum (ATVEF) specification.

10. (Currently Amended) The method of claim 8 wherein said enhanced television content may be rendered independent of [[the]] a channel currently viewed by a user.

11. (Previously Presented) The method of claim 1 wherein said enhanced television content comprises enhanced content and control information wherein said control information includes information describing at least one program channel with which said enhanced television content may be rendered.

12. (Previously Presented) The method of claim 11 wherein said enhanced television content may be rendered independent of a channel currently viewed by a user.

13-14. (Canceled)

15. (Currently Amended) A ~~method of~~ system for transmitting television content and enhanced television

~~content, of claim 1 further~~ comprising:

a plurality of modules, each module comprising instructions retained on at least one machine-readable storage medium, that when executed by a machine perform identified operations, wherein the modules comprise:

an information transfer module to

accessing video information containing said enhanced television content and said
video program[[;]], and

~~remove removing~~ said enhanced television content from said video information to produce said video program comprising non-enhanced video information; and a transmitter to
transmit said video program and at least one trigger employing a first television channel operating at a first frequency within a range of frequencies assigned to service channels; and
transmit enhanced television content coupled to said video program employing a second channel operating at a second frequency, wherein the second frequency is outside the range of frequencies assigned to the service channels.

16-17. (Canceled)

18. (Currently Amended) The ~~method~~ system of claim 15 wherein said enhanced television content is compressed prior to transmission.

19. (Currently Amended) The method of claim 15 wherein said transmitting said enhanced television content further comprises combining said enhanced television content with channel information wherein said channel information indicates at least one program with which said enhanced television content may be rendered.

20. (Currently Amended) The method of claim 15 wherein said transmitting said enhanced television content further comprises:
replacing said enhanced television content with other enhanced television content.

21. (Previously Presented) The method of claim 20 wherein said other enhanced television content is accessed employing a network connection.

22. (Previously Presented) The method of claim 21 wherein said other enhanced television content is accessed on a near real-time basis.

23. (Previously Presented) The method of claim 20 wherein said other enhanced television content is stored locally to a head-end system.

24. (Previously Presented) The method of claim 1 wherein said transmitting said video program on a first television channel further comprises:
transmitting information indicating a channel on which said enhanced television content may be retrieved.

25. (Previously Presented) The method of claim 1 further comprising:
accessing said video program having video content information; and
accessing enhanced television content associated with said video program.

26-29. (Canceled)

30. (Previously Presented) The method of claim 25 wherein said enhanced television content is compressed prior to transmission.

31. (Previously Presented) The method of claim 25 wherein said enhanced television content is accessed employing a network connection.

32. (Previously Presented) The method of claim 25 wherein said enhanced television content is stored locally to a head-end system.

33. (Previously Presented) The method of claim 25 wherein said transmitting said video program on a first television channel further comprises:
transmitting information indicating a channel on which enhanced television content may be received.

34. (Currently Amended) A system for transmitting television content and enhanced television content enhancement, the system comprising:

a head-end system;

a transmitter to access video information and extract the enhanced television content and a video program, to transmit the video program on a first channel, to transmit the enhanced television content on a second channel;

a network; and

a receiver operable to receive [[a]] the video program and at least one trigger on [[a]] the first channel and operable to receive enhanced television content on [[a]] the second channel, wherein the first channel is associated with a frequency within a range of frequencies assigned to service channels, and wherein the second channel is associated with a frequency outside the range of the frequencies assigned to the service channels.

35. (Previously Presented) The system of claim 34 wherein said head-end system is operable to remove enhanced television content from video information containing a video program and said enhanced television content.

36. (Previously Presented) The system of claim 34 wherein said head-end system is operable to broadcast said video program and said at least one trigger on said first channel and said enhanced television content on said second channel.

37. (Previously Presented) The system of claim 36 wherein said head-end system is operable to combine timing information with said enhanced television content.

38. (Previously Presented) The system of claim 35 wherein said head-end system is operable to replace said enhancement data with other enhanced television content.

39. (Previously Presented) The system of claim 34 wherein said receiver further comprises:
program code in said receiver, responsive to said video program and said at least one trigger received on said first channel and said enhanced television content received on said second channel, that outputs signals to a display unit.

40. (Original) The system of claim 39 wherein said receiver further comprises: an adjustable tuner wherein the frequency of said second channel may be altered.

41. (Previously Presented) The system of claim 40 wherein said receiver further comprises:
program code that receives information describing the frequency of said second channel and that adjusts the frequency of said second channel in response to said information.

42. (Previously Presented) The system of claim 34 wherein said receiver further comprises:
program code that alters an Universal Resource Locator (URL).

43. (Previously Presented) The system of claim 34 wherein said head-end system is operable to modify a an Universal Resource Locator (URL).

44. (Previously Presented) The system of claim 34 wherein said receiver further comprises:
program code that associates said enhanced television content with said video program and renders an output employing said enhanced television content.

45. (Currently Amended) An enhanced television receiver comprising:
a first component that receives a signal employing a user selected channel;
a second component that receives a signal on a second channel, wherein the second channel is a signaling channel;
a memory; and
program code, responsive to program information and a trigger received on said user selected channel and enhanced television content on said second channel, that outputs signals to a display unit when said trigger is received, wherein the first channel is associated with a frequency within a range of frequencies assigned to service channels, and wherein the second channel is associated with a frequency outside the range of the frequencies assigned to the service channels.

46. (Original) The receiver of claim 45 further comprising:

an adjustable component operable to set the frequency of said second channel.

47. (Previously Presented) The receiver of claim 46 wherein said adjustable component is responsive to information on said user selected channel.

48. (Previously Presented) The receiver of claim 46 wherein said adjustable component is responsive to program code operating in said receiver.

49. (Previously Presented) The receiver of claim 48 wherein said program code further comprises:

a data structure providing an association between said user selected channel and the frequency of said second channel.

50. (Previously Presented) The receiver of claim 45 further comprising:

program code that stores part of said enhanced television content in storage local to said receiver.

51. (Previously Presented) The program code of claim 50 further comprising:

a routine to allocate said storage employing information contained in said enhanced television content.

52. (Previously Presented) The receiver of claim 50 wherein said program code is further operable to compress part of said enhanced television content prior to storage.

53. (Previously Presented) The receiver of claim 50 wherein said program code is further operable to decompress part of said enhanced television content.

54. (Previously Presented) The receiver of claim 50 wherein said program code is further operable to render an enhancement employing time information contained in said enhanced television content.

55. (Original) The receiver of claim 54 wherein said time information conforms to extensions to Advanced Television Enhancement Forum (ATVEF) specifications.